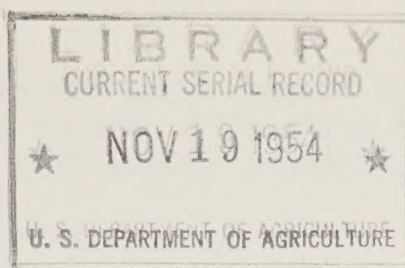


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THE GRADUATE SCHOOL

ANNUAL REPORT
1953-54

United States Department of Agriculture
Washington, D. C.

UNITED STATES DEPARTMENT OF AGRICULTURE
GRADUATE SCHOOL
WASHINGTON 25, D. C.

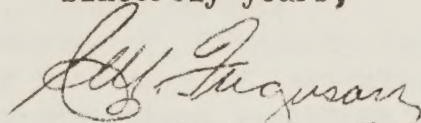
October 22, 1954

Hon. Ezra T. Benson
Secretary of Agriculture

Dear Mr. Secretary:

The General Administration Board submits herewith the Report of the Graduate School, 1954, which covers activities for the school year ending August 31, 1954.

Sincerely yours,



C. H. Ferguson, Chairman
General Administration Board

UNITED STATES DEPARTMENT OF AGRICULTURE
GRADUATE SCHOOL
WASHINGTON 25, D. C.

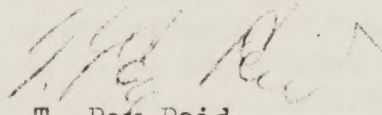
October 15, 1954

Mr. Clarence M. Ferguson, Chairman
General Administration Board

Dear Mr. Ferguson:

I submit herewith the annual report of the United States Department of Agriculture Graduate School for the year ending August 31, 1954.

Sincerely yours,



T. Roy Reid
Director

UNITED STATES DEPARTMENT OF AGRICULTURE

Ezra Taft Benson, Secretary of Agriculture

GRADUATE SCHOOL

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Bushrod W. Allin.....Department of Social Sciences
R. G. Hainsworth.....Department of Technology
T. Roy Reid.....Chairman

REPORT OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

GRADUATE SCHOOL, 1953-54

1953-54 was a year of change in the Graduate School--change of director and change in programs. Dr. P. V. Cardon resigned as Director of the Graduate School in January, 1954, to accept appointment as Director-General of the United Nations Food and Agriculture Organization. Mr. T. Roy Reid, who had been Director of Personnel of the Department of Agriculture for the previous twelve years, succeeded Dr. Cardon on March 1, 1954. In the course of the year Messrs. J. A. McConnell, Ralph Roberts, MacHenry Schafer and Earl Butz were appointed to the General Administration Board while C. R. Arnold, John H. Davis, Ivy Duggan, and T. Roy Reid resigned.

THE WASHINGTON COURSE PROGRAM

In 1954 the Graduate School continued to adapt its course programs to the changing needs of Federal agencies and employees. The staff of the institution with the aid of its advisory committees reexamined all course programs in relation to the expressed needs of the Government and in cooperation with certain agencies organized a number of new programs.

The Graduate School offers the principal program in meteorology in the Washington area. This program was organized and is offered in cooperation with the United States Weather Bureau. It has been a major training facility for personnel of the Weather Bureau and other agencies concerned with meteorology. During the past year two certificate programs in meteorology were organized designed to prepare students for professional careers. Three new courses were added to the curriculum in this field bringing the total offerings to fifteen. The majority of the Graduate School instructors in meteorology are members of the staff of the Weather Bureau.

Transportation has become increasingly important to certain agencies of the Government and this interest was expressed in 1953-54 in requests for additional training opportunities in the field. A committee which included representatives from the Departments of Defense, Commerce, Justice and Agriculture was appointed to consider the Government's need for persons trained in transportation methods, problems, rates and management. On the basis of the recommendations of this committee the Graduate School's offerings in transportation were expanded to four courses. This program is under the general direction of the Committee on Agricultural Economics.

The Graduate School long has offered the chief program in the Washington area in geology and geography. This program developed from many years of close association with the United States Geological Survey for which the Graduate School has been a major training center.

In 1954 a Graduate School committee chaired by Dr. Louis C. Peltier, of the United States Geological Survey, explored the interest of the Federal agencies in geology and geography and their training needs in those fields. The report of the committee indicated that the program of the Graduate School in geology and geography should be expanded substantially. A number of new courses were organized to be offered in 1954-55, increasing the School's offerings in these fields to twelve. The instructors of these new courses were drawn from a number of government agencies.

A principal reason for the founding of the Graduate School was to provide training opportunities for government personnel working in the natural sciences. The courses offered by the Graduate School in the physical and biological sciences have been among its most outstanding ones and have been of particular value to the Department of Agriculture. Most of the courses in the sciences offered by the Graduate School have been lecture courses but a few have included laboratory work. As the institution does not have its own laboratories such facilities have been leased, when needed, from local colleges and universities. During 1954 it was decided to terminate all laboratory courses. This decision was based on the realization that the government's employees working in the sciences were not primarily interested in laboratory work but in advanced lecture courses and seminars.

The Graduate School always has given special attention to the training needs and interests of the persons employed in the Department of Agriculture's Research Center at Beltsville, Maryland and the adjacent Plant Industry Station. That interest is evidenced by the Agricultural Research Center Committee which supplements the work of the departmental committees by investigating training needs in those institutions and assisting in the organization of courses. During the past year the Agricultural Research Center Committee surveyed the training interests and needs of the employees of the Research Center and the Plant Industry Station and recommended the organization of three new courses to be given at Beltsville. Those courses were given during the past year.

In February, 1953, the Chairman of the Department of Technology created a special sub-committee to study the possibility of awarding a certificate of accomplishment in the field of surveying and mapping. The mapping program offered by the Graduate School is the only comprehensive one in this field in the Washington area. The committee explored first the possibilities of encouraging one of the universities in the area to establish a degree program, either graduate or undergraduate. A survey then was made of several of the universities in the country and of engineering firms on the basis of which a tentative curriculum proposal was made and presented to the American Congress on Surveying and Mapping in March, 1954. Since no immediate action by the Congress or by any specific local university is anticipated, the committee, under the direction of G. C. Tewinkel, is planning to present a certificate proposal to the Graduate School during the 1954-55 school year.

These instances of special efforts to meet the training needs of certain agencies and groups of employees were in addition to the usual Graduate School course program in all academic fields. In 1953-54,

324 classes were given in which the registrations totaled 4,877. This enrollment was 22% less than that in 1952-53. The decline in enrollment during this year apparently was due to the reorganization of some agencies and reductions in the staff of others during this period.

During the latter half of 1953-54 a particular effort was made to strengthen the relations of the Graduate School with the training officers of the government and to coordinate the planning of course programs with their estimates of training needs. A series of ten meetings with training officers of the various agencies were held during the summer. At these meetings the general objectives and programs of the Graduate School were presented by the staff and the training officers asked for criticisms and suggestions. The training officers attending these meetings indicated deep interest in the Graduate School and contributed many useful suggestions on program and public relations. In accordance with their suggestions it was decided to publish a new leaflet on the Graduate School, "Looking for a Place to Attend Evening Classes?" for distribution to new employees of the Government and others unfamiliar with the institution.

In planning the annual programs of the Graduate School its staff and advisory committees work with several kinds of data including the observations of members of the committees, statements by training officers, recommendations of the staff, suggestions from students and proposals by faculty members. During the past year it was decided to supplement this planning data with the results of a general survey of the training needs and interests of employees of the Department of Agriculture and other government agencies. A similar survey was made by the Graduate School of the Department of Agriculture in 1949. This study will be made during October and November of 1954 and the results will be available for the use of the staff and advisory committees in their winter meetings for planning the 1955-56 program.

During 1953-54 there were two changes in the leadership of the departmental committees. Dr. Bushrod Allin replaced Dr. Sherman Johnson as chairman of the Department of the Social Sciences and Mr. Reginald Hainsworth replaced Mr. Frank Sette as chairman of the Department of Technology. Both Dr. Johnson and Mr. Sette had rendered long and valuable service as chairmen of the respective committees. Mr. Sette has left Washington but Dr. Johnson has remained a member of the Committee on the Social Sciences.

GRADUATE SCHOOL CENTER AT THE NATIONAL INSTITUTES OF HEALTH

When the National Institutes of Health began to operate at the new Bethesda center the Graduate School offered the new agency its assistance in providing in-service training opportunities. In the summer of 1954 the National Institutes of Health selected the Graduate School to organize its in-service training program. In accordance with a memorandum of understanding with the Graduate School the Director of the National Institutes of Health appointed a Scientific Advisory Committee of the National Institutes of Health to recommend courses and instructors to the Graduate School. The Graduate School then surveyed the interest of National Institutes of Health employees in the prospective courses. A program of 22 courses in the physical and biological sciences was organized to be offered in the fall semester of 1954-55. Eighteen of these courses have

been started with an enrollment of more than 300. This program of courses in the sciences attracted students from every government research center in the Washington area. During the 1954-55 year the Graduate School will make a survey to ascertain if it is feasible to add courses in social sciences and in federal management to the offerings at this new Graduate School center.

GRADUATE SCHOOL CENTERS IN THE NAVY DEPARTMENT

In the spring semester, 1954, a program of courses which will lead to a Certificate of Accomplishment in Oceanography was established at the Navy Hydrographic Office in Suitland, Maryland. Three courses were given in the spring semester, and a schedule of four new courses was planned for 1954-55. The present plan is for a curriculum of eight courses at the graduate level to lead toward a certificate. Sections of other courses which are offered in the regular Washington program will continue to be offered at the Hydrographic Office as demand indicates. Courses were given also at the Naval Powder Factory, Indian Head, Maryland, at the request of the training office there. One course was given each semester. In addition, that installation asked the Graduate School to offer an official-hours program there in chemistry. At the present time, the regulations of the Graduate School do not permit this, but it was agreed that the School would consider the possibility.

LECTURES

The Graduate School has contributed for many years to the institutional life of the Department of Agriculture by presenting series of lectures on topics of current interest. No lectures were given in 1953-54 but during the year three series of lectures were planned for 1954-55. The first of next year's lecture series will be on Farm Policy. A committee chaired by Dr. Fred Waugh of the Agricultural Marketing Service has planned six lectures on this subject. The second series will be on Progress In Science and includes eight lectures. This program was planned by a committee headed by Dr. Guido Hilbert of the Agricultural Research Service. The third series of lectures, scheduled for March and April of 1955, will be on Democracy In Federal Administration. This series of six lectures was planned by a committee chaired by Ralph S. Roberts, Administrative Assistant Secretary of Agriculture.

All of these lectures will be given in the Jefferson Auditorium of the Department of Agriculture. The speakers will be persons of national prominence.

SERVICE TO FIELD EMPLOYEES

The Graduate School has attempted for many years to assist field employees of the Department of Agriculture and other Federal agencies with their educational problems although it has had no specific funds for the purpose. The chief means of doing so has been a small correspondence program of courses of particular interest to the field personnel

of the Department of Agriculture. In 1953-54, eleven correspondence courses were offered with an enrollment of 220.

In 1952 the Graduate School began an effort to interest some of the country's universities in the particular educational problems of the Federal employees in their areas. During 1953, cooperative programs were organized at Boston University and New York University in which several hundred Federal employees enrolled. Those programs are continuing. In 1953-54 the Graduate School assisted the University of Wisconsin and the University of Chicago in the organization of special course programs for the Federal personnel in those areas. As in the cases of Boston and New York Universities, the assistance given to the Universities of Wisconsin and Chicago was principally in the form of advice on organization and program, the use of materials prepared for the Graduate School's Washington course program and assistance in public relations. The Graduate School believes that its relationships with these universities have been valuable to Federal personnel generally and hopes to create others during the next year.

PUBLICATIONS

The Graduate School has published manuscripts of particular interest to the Department of Agriculture since 1938. In 1950 the publishing program was expanded by the creation of a Publication Revolving Fund. After four years of operation the Publications Revolving Fund shows a substantial profit.

The only publication of the Graduate School during 1953-54 was "Legislative-Executive Relationships In The Government of The United States," the William A. Jump--I. Thomas McKillop Memorial Lectures in Public Administration for 1953. This publication proved to be one of general interest as approximately half of the first printing was sold within a few months after its issuance.

During the past year there was a steady demand for other recent publications of the Graduate School, especially "Lectures and Conferences on Mathematical Statistics and Probability" by Jerzy Neyman and "Spirit and Philosophy of Extension Work as Recorded in Significant Papers."

